Client: General Services Administration 1500 E. Bannister Road Kansas City, MO 64131

Date Received: Date Analyzed: Date Sampled: Date of Report:

4/24/2013 4/24/2013

Office: 816/524-8811 Fax: 816/525-5027

15450 Hangar Road Kingston Environmental Laboratory Kansas City, Missouri 64147

4/24/2013

4/24/2013

Project Number: 0002-AI-2012.001

Bolling Building - Phase IV Renovation 601 E. 12th St., Kansas City, MO 64106

Signature:

MarkLiechti / AIHA Registry # 9179 Mark Liechti / AIHA Registry # 9179 AIHA Organization #: 102543

Analyst: Sampled By: Project Address: Project Name:

Laboratory Coefficient of Variation: 0.45

Individual CV: 0-5 fiber range (CV)= 0.75, 5.1-20 fiber range (CV) 0.36, 20.1-50 fiber range (CV)= 0.25, 50.1-100 fiber range (CV)=0.21, 100.1 & up (CV)=0.15 5USC 552(b) (6)



Document No.

4.5.1 - F6

KINGSTON ENV **UMENTAL MANAGEMENT SYSTEM TITLE**

Date: August 26, 2009

Revision: Original

Document Owner: Dr. Georgi Popov

ATA FORM

KINGSTON ENVIRONMENTAL SERVICES, INC. 15450 Hangar Re	Received By:	Date/Time:Date/Time:Date/Time:Date/Time:Date/Time:Date/Time:Date/Time:Date/Time:Date/Time:Date/Time:Date/Time:Date/Time:Date/Time:Date/Time:Date/Time:Date/Time:	Submitted By:	Shipped to:	Person: Chain of Custody	Contact: Phone: Fax No:	Sample results proceeded by a "less than" sign (<) are calculated using a count of 7 fibers per 100 fields. This is the reliable I than the detection limit of 7 fibers per 100 fields. Note: P- Personal; A- Area; E – Excursion; C- Clearance			BB-1154 1872 18 th Fl. Elevator Lobby	by 1	6 A 5 6:00	I	BFB-	Location or Employee Pump Sample Priow Number Type Control ON		KES Project No: _002-Al-2012.001		Sampled:		AIR MONITORING DA	
KINGSTON ENVIRONMENTAL SERVICES, INC.15450 Hangar Rd., Kansas City, MO 64147 (816) 524-8811	Received By:Received By:	Date: Illine.		Via:Date:		one:Fax NO	re calculated using a count of 7 fibers per 100 fields. This is the reliable limit of quantification as determined by NIOSH. Actual fiber counts are lower te: P- Personal; A- Area; E – Excursion; C- Clearance Contact:				1 A 5	6 A 5	1	(L/Min)	Number Type Rate ON OFF Min. (L)	Sample Elem		Contractor:		WO 64131	AIR MONITORING UNITS - Civilia Area: 0080	
- -							by NIOSH. Actual riber counts				1 16.25 0.0052	20.00	0.00 0.00	0.00 0.00	(F/mm2)	Field Density Conc.					80 Method: 7400	
							ale lower		N/A	N/A	+	+	-	N/A		TWA					0	

Client: General Services Administration Kansas City, MO 64131 1500 E. Bannister Road

Date Analyzed: Date Sampled: Date of Report: 4/23/2013 4/23/2013 4/23/2013 4/23/2013

Date Received:

Project Number: 0002-A|-2012.001

Office: 816/524-8811 Fax: 816/525-5027 Kingston Environmental Laboratory Kansas City, Missouri 64147 15450 Hangar Road

Project Address: Project Name: Bolling Building - Phase IV Renovation 601 E. 12th St., Kansas City, MO 64106

MarkLiechti / AIHA Registry # 9179 Mark Liechti / AIHA Registry # 9179

Sampled By:

Signature

Individual CV: 0-5 fiber range (CV)= 0.75, 5.1-20 fiber range (CV) 0.36, 20.1-50 fiber range (CV)= 0.25, 50.1-100 fiber range (CV)=0.21, 100.1 & up (CV)=0.15 Laboratory Coefficient of Variation: 0.45 AIHA Organization #: 102543 5USC 552 (b) (6)

Analytical Method: NIOSH 7400, Issue 2, Dated August 15, 1994

Analytical Met	Analytical Method: NIOSH 7400, Issue 2, Dated August 15, 1994	August 15, 1994								0.0080
			SAMPI ING DATA					ANALYTICAL DATA	AL DATA	
			- 1	Flow Rate	Total	Total	Fibers/		Concentr.	Below
Lab. No. Sample ID		Sample Location		I/min	Minutes	Volume	100	Density	F/cc	PEL
							Fields	F/mm2		Yes/No
12A	מרט-		DIOSK	N/A	N/A	NA	0	0.00	N/A	N/A
BB-1147	1865 Field Blank		Dialix	NIA	N/A	N/A	0	0.00	N/A	NA
BB-1148	1866 Field Blank		DIAIIN	1777	200	1200	13	16 25	0.0052	Yes
RR-1149	1867 16th Floor Elevator Lobby	ator Lobby	AMBIENT	1	000	1000	4 6	1275	0 0044	Yes
BB-1150	1868 18th Floor Elevator Lobby	ator Lobby	AMBIENT	4	300	1200		0		



Document No. 4.5.1 - F6

KINGSTON ENV NMENTAL MANAGEMENT SYSTEM TITLE

Date: August 26, 2009

Revision: Original

Document Owner: Dr. Georgi Popov

DING DATA FORM

Microscope Field Area:0080Method:_7400				Date: ubmitted By: Pate/Time: Received By: 7 (816) 524-8811	Nade:	as City, Mo	l	Chain of Custody ia:Submitted By:Date/Time:Received By:Received By:	Chair Via:	SERVICES	Phone: No: ed By: ed By: ed By:	<u> </u>		Shipped to: Submitted By: Date/Time: Received By:
Client: U.S. General Services Administration Microscope Field Area:0080 Method:7400	lower	counts are	H. Actual fiber	ermined by NIOSI	ification as deter	limit of quanti	the reliable I	fields. This is sarance	ers per 100 f	count of 7 fib	ated using a	by a "less than" sign (<) are calcula	s proceeded	lple resulthe dete
Client:_U.S. General Services Administration Microscope Field Area:0080 Method:_7400	N/A													
Client: U.S. General Services Administration Microscope Field Area:0080 Method:7400	N/A											18 th Fl. Elevator Lobby	1868	3B-1150
Client:_U.S. General Services Administration Microscope Field Area:0080 Method:	N/A	0.0044		11	1200	300	11:05	6:05	4	A		16 th FI. Elevator Lobby	1867	BB-1149
Client:_U.S. General Services Administration Microscope Field Area:0080 Method:7400	N/A	0.0052		13	1200	300	11:00	6:00	4	>	6 -	Field Blank	1866	3B-1148
AIK MICHIFOLITIES Administration Microscope Field Area:0080	N/A	0.00	0.00	0	1	1	ı	1	1		1	Field Blank	1865	3B-1147
AIK WICH I Chief I Client: U.S. General Services Administration Microscope Field Area:0080 Method: _7400	N/A	0.00	0.00	0	1	-	1	1	(L/Min)				BFB-	11A-
Int:_U.S. General Services AdministrationMicroscope Field Area:0080 Method:7400 dress:1500 E. Bannister Rd, Kansas City, MO 64131 Analyst: Mark Liechti lity: _Bolling Building – Phase IV Renovation Surveyor: Mark Liechti dress: Contractor: Client Project No Area: # of Samples: _4		(F/cc)		Fibers/Field	Volume (L)	Total Min.	1		Flow	Sample Type	Pump	Location or Employee	Sample Sample	rnaroun Lab
Client: U.S. General Services AdministrationMicroscope Field Area:0080 Address:1500 E. Bannister Rd, Kansas City, MO 64131 Analyst: Mark Liechti Facility:Bolling Building – Phase IV Renovation Contractor: Contractor:	AWI		-)S: _4	of Sample	25-		Area:		0	Project N	11633.	t No: _002	te Analy S Projec
Client: U.S. General Services Administration Microscope Field Area:				11	lark Liechti	ntractor: M		tion	V Renova	– Phase I	Building		ed: _4-23 d:4-23	te Samp
Microscope Field Area: .0080					ark Liechti	nalyst: M		v. MO 641	nistration ansas Cit	ices Admi	eral Serv		of	ge 1
		7400	Method:	3: .0080	Field Area	icroscope	N (MICIALIC	AIZ				

Client: General Services Administration Kansas City, MO 64131 1500 E. Bannister Road

> Date of Report: Date Analyzed: Date Sampled: 4/17/2013 4/17/2013 4/17/2013

Office: 816/524-8811 Fax: 816/525-5027 Kansas City, Missouri 64147 15450 Hangar Road Kingston Environmental Laboratory

Date Received: Project Number: 0002-AI-2012.001

4/17/2013

Signature:

Project Address: Project Name:

> 601 E. 12th St., Kansas City, MO 64106 Bolling Building - Phase IV Renovation

MarkLiechti / AIHA Registry # 9179 Mark Liechti / AIHA Registry # 9179

Sampled By:

Analyst:

5USC 552 (b) (6)

Laboratory Coefficient of Variation: 0.45 AIHA Organization #: 102543 Individual CV: 0-5 fiber range (CV)= 0.75, 5.1-20 fiber range (CV) 0.36, 20.1-50 fiber range (CV)= 0.25, 50.1-100 fiber range (CV)=0.21, 100.1 & up (CV)=0.15

1862 Field Blank	12A BFB- Blank Blank Blank	Lab. No. Sample ID Sample Location Sample Type	D	Analytical Method: NIOSH 7400, Issue 2, Dated August 15, 1994
15 90	N/A N/A	2	IFIOW Rate Total	
1350	N/A N/A	Volume	Total	
14	100	100 Fields	Fibers/	
17.50	0.00	Density F/mm2	Fiber	ANALYTICAL DATA
0.0050	N/A 0.0039	N/A	Concentr.	AL DATA
≺es	N/A Yes	Yes/No N/A	Below	0.000



KINGSTON ENV/ NMENTAL MANAGEMENT SYSTEM TITLE

Date: August 26, 2009

Revision: Original

Document Owner: Dr. Georgi Popov

Document No. 4.5.1 – F6

AIR MONITORING DATA FORM

of 1 Client: U.S. General Services Administration A17.2013 Address: 1500 E. Bannister Rd, Kansas City, MO 64131	Sampled: 4-17-2013 Address. 1300 E. Bailling – Phase IV Renovation Logged: 4-17-2013 Facility: Bolling Building – Phase IV Renovation	Address: Area: Are	12.001 Client Project No	r Employee Pump Sample Flow Time Total Volume Number Type Rate ON OFF Min. (L)	er Number (L/Min)	43 1861 Field Blank		n 15 6:05 7:35	1863 16 th Fl. Inside Rm. 1625 b A 15 6:10 7:40 90	1864 16 th Fl. Outside Rm. 1625			(<) are calculated using a count of 7 fibers per 100 fields. This is the reliable Note: P- Personal; A- Area; E – Excursion; C- Clearance	Fax No:	Person: Chain of Custody		Shipped to: Submitted By: Subm		Date/Time: Date/Time: Date/Time:	Received By:	Received by:	The second services and second services are services and services are services and services are services.
		# of Sample		OFF Min.			1		7:35 90	7:35 90 7:40 90	7:35 90 7:40 90	7:35 90 7:40 90	7:35 7:40	7:35 90 1350 7:40 90 1350 his is the reliable limit of quantification as det	7:35 90 1350 7:40 90 1350 1350 nis is the reliable limit of quantification as determent. Contact: Made:	7:35 90 1350 7:40 90 1350 7:40 90 antification as det	7:35 90 1350 7:40 90 1350 7:40 90 antification as det	7:35 90 1350 7:40 90 1350 7:40 90 antification as det his is the reliable limit of quantification as det	7:35 90 1350 7:40 90 1350 7:40 90 antification as det his is the reliable limit of quantification as det ————————————————————————————————————	7:35 90 1350 7:40 90 1350 his is the reliable limit of quantification as determined by: Contact:	7:35 90 1350 7:40 90 1350 7:40 90 antification as det his is the reliable limit of quantification as det ————————————————————————————————————	7:35 90 1350 7:40 90 1350 7:40 90 1350 Contac
:0080 Method:7400		s: _4_	1	Fibers/Field Defisity (F/mm2)	0 0.00	0 00 0		11 13.75		14 17.50			14 17.50	14 mined by NIOSH.	mined by NIOSH. Actual fibr	14 17.59 mined by NIOSH. Actual fibe	mined by NIOSH. Actual fibe	mined by NIOSH. Actual fibe	me: 17.59	imined by NIOSH. Actual fibe	Date:	ttable by NIOSH. Actual fibe
7400			Conc. TWA		0.00 N/A	0.00 N/A	+	0.0039 N/A		0.0050 N/A			0.0050 N/A N/A	0.0050 N/A N/A N/A N/A ser counts are lower	o.0050 N/A N/A N/A N/A sr counts are lower	0.0050 N/A N/A N/A sr counts are lower	o.0050 N/A N/A N/A N/A sr counts are lower	o.0050 N/A N/A N/A N/A	o.0050 N/A N/A N/A N/A	o.0050 N/A N/A N/A	yr counts are lower	yr counts are lower

Client: General Services Administration Kansas City, MO 64131 1500 E. Bannister Road

Date of Report: Date Analyzed: Date Sampled: 4/15/2013 4/15/2013 4/15/2013 4/15/2013

Kingston Environmental Laboratory 15450 Hangar Road

Kansas City, Missouri 64147 Office: 816/524-8811 Fax: 816/525-5027

Project Number: 00:22-AI-2012.001

Date Received:

Project Address: Project Name: Bolling Building - Phase IV Renovation 601 E. 12th St., Kansas City, MO 64106

MarkLiechti / AIHA Registry # 9179 Mark Liechti / AIHA Registry # 9179

Sampled By:

Signature

5USC 552 (b) (6)

Individual CV: 0-5 fiber range (CV)= 0.75, 5.1-20 fiber range (CV) 0.36, 20.1-50 fiber range (CV)= 0.25, 50.1-100 fiber range (CV)=0.21, 100.1 & up (CV)=0.15 Laboratory Coefficient of Variation: 0.45 AIHA Organization #: 102543

0.0080

12A BFB- BB-1139 1857 Field Blank BB-1140 1858 Field Blank BB-1141 1859 16th Floor C.L.B.2-8 BB-1142 1860 18th Floor C.L.B.6-10	Analytical Method: NIOSH 7400, Issue 2, Dated August 15, 1994 Lab. No. Sample ID Sample Location
Blank N/A Blank N/A AMBIENT 7 AMBIENT 7	Sample Type Flow Rate
N/A N/A N/A N/A 180 1260 180 1260	Total Total F Minutes Volume
0 0.00 N/A N/A 0 0.00 N/A N/A 9 11.25 0.0034 Yes 13 16.25 0.0050 Yes	Concentr. E



KINGSTON ENVI **IMENTAL MANAGEMENT SYSTEM TITLE**

Date: August 26, 2009

Revision: Original

Document Owner: Dr. Georgi Popov Document No. 4.5.1 - F6

DATA EORM

			Received By:	Receiv		y: 	Received By:			Ву:	Received By:		Υ.	Received By:
			me:	Date/I ime:			_Date/Time:				Date/Time:			Date/Time:
			ed By:	Submitted By:) :	_Submitted By:			By:	Submitted By:		3y:	Submitted By:
				Date:				Via:						Shipped to:
							Chain of Custody	Chair						1 613011
				Contact			Fax No:			Phone: No:			Codicia	Contact:
lower	er counts are	SH. Actual fibe	limit of quantification as determined by NIOSH. Actual fiber counts are lower	fication as dete	imit of quanti		fields. This is earance	f 7 fibers per 100 fields. Excursion; C- Clearance	count of 7 fib	ated using a	Sample results proceeded by a "less than" sign (<) are calculated using a count of 7 fibers per 100 fields. This is the reliable	ded by a "I	ults procee	Sample res
N/A														
N/A											18"" FI. C.L. B.6-10	+	1860	BB-1142
N/A	0.0050	16.25	13	1260	180	9:05	6:05	7	D	1	16 Fl. C.L. B.2-0	-		BB-1141
N/A	0.0034	11.25	9	1260	180	9:00	6:00	7	Þ	6	Field Blank	+		BB-1140
N/A	0.00	0.00	0	1	1	1	ı	1	1	1	Field Blank	_		20 -1 -0 0
N/A	0.00	0.00	0	1	1	1	1	- (Dimini)	1	1		77	8	11A-
211	(F/cc)	(F/mm2)			Min.	OFF	ON	Rate (1 /Min)	Type	Pump Number	Location or Employee	7 0	Sample Number	Lab Number
TWA	Conc.	Density	Fibers/Field	Volume	Total	30	1.,						nd Time	Turnaround Time:
			S: 4	# or Samples: _4	#1		Area		0	Client Project No.	12.001	002-Ai-	ect No:	KES Project No: _002-Ai-2012.001
					Contractor:	CO						1-15-201	Vzed: 2	Date Logged: 4-15-2013
				Surveyor: Mark Liechti	rveyor: M		ation	V Renova	Phase I	Building		4-15-2013	pled: _4	Date Sampled: _4-15-2013
				Analyst: Mark Liechti	nalyst: M		n MO 641	nistration	ices Admi ster Rd K	eral Serv	Client: U.S. General Services Administration	of 1		Page
	7400	Method: 7400	0080	dicroscope Field Area: .0080	icroscone									
					Z N	A TO								

KINGSTON ENVIRONMENTAL SERVICES, INC.15450 Hangar Rd., Kansas City, MO 64147 (816) 524-8811

Form A-3

Client: General Services Administration 1500 E. Bannister Road Kansas City, MO 64131

Date of Report: Date Analyzed: Date Sampled: 4/12/2013 4/12/2013 4/12/2013 4/12/2013

Kingston Environmental Laboratory 15450 Hangar Road

Office: 816/524-8811 Fax: 816/525-5027 Kansas City, Missouri 64147

Project Number: 00:22-AI-2012.001

Date Received:

Project Address: Project Name: Bolling Building - Phase IV Renovation 601 E. 12th St., Kansas City, MO 64106

MarkLiechti / AIHA Registry # 9179 Mark Liechti / AIHA Registry # 9179

Sampled By:

Analyst:

Signature:

5USC 552 (b) (6)

Individual CV: 0-5 fiber range (CV)= 0.75, 5.1-20 fiber range (CV) 0.36, 20.1-50 fiber range (CV)= 0.25, 50.1-100 fiber range (CV)=0.21, 100.1 & up (CV)=0.15 Laboratory Coefficient of Variation: 0.45 AIHA Organization #: 102543

		BB-1136 1834 Field Dialik			12A BFB-		ab. No.	Sample ID Sample Location				Analytical Method: NIOSH 7400, Issue 2, Dated August 15, 1894	Illerian Company
AMBIEN	AMBIENT 5	AMBIENT 5	Blank		DISSI.		WIIIII	Sample Type	Flow Rate	SAMPLING DATA			
	240 1200	240 1200	+		N/A N/A			" — <	Total Total				
		1 0	10 1	0	0	+	<i>n</i>	100 De	Fibers/		AN		
	-	+	12.50 0.0040	0.00 N/A	-	1	mm2	Density F/cc	Fiber Correction	Concentr	ANALYTICAL DATA		
		Yes	Yes		NIVA	N/A	Yes/No	ָ הר	2 1	Relow			0.0080



Document No. 4.5.1 – F6

KINGSTON ENVIOUMENTAL MANAGEMENT SYSTEM TITLE

Revision: Original Date: August 26, 2009

Document Owner: Dr. Georgi Popov

ATA CORM

Client: General Services Administration Kansas City, MO 64131 1500 E. Bannister Road

Date Sampled: Date of Report: Date Analyzed:

4/11/2013 4/11/2013 4/11/2013 4/11/2013

Kingston Environmental Laboratory Kansas City, Missouri 64147 15450 Hangar Road

Office: 816/524-8811 Fax: 816/525-5027

Date Received:

Project Number: 0002-AI-2012.001

Signature

Sampled By: Project Address: Project Name:

Bolling Building - Phase IV Renovation 601 E. 12th St., Kansas City, MO 64106 Mark Liechti / AIHA Registry # 9179 MarkLiechti / AIHA Registry # 9179

Analyst:

Individual CV: 0-5 fiber range (CV)= 0.75, 5.1-20 fiber range (CV) 0.36, 20.1-50 fiber range (CV)= 0.25, 50.1-100 fiber range (CV)=0.21, 100.1 & up (CV)=0.15 Laboratory Coefficient of Variation: 0.45 AIHA Organization #: 102543

5USC 552 (b) (6)

1	BB-1133 1851 16th Floor C.E.B.Z-0	-		BB-1131 1849 FIEIU DIAIN	100	12A REB-				Sample ocation				A likely to a second	Analytical Method: NIOSH 7400, Issue 2, Dated August 15, 1994	1000
AMBIEN	AMBIENIT 4	AMBIEN 4		Blank N/A	Blank				l/min	Sample Type Priow Nate	- 11	SAMPLING DATA				
-	300 1200		300 1200	N/A N/A		N/A			Minutes Volume	Cit	Total Total					
	14 17.50	17 50	12 15.00	0.00	000	0 0.00	L	F/mm2	וטט		Fibers/ Fiber	-	ANALY IICAL DATA			
	-	0 0056 Yes	0.0048	+	N/A N/A	NA	-	Yes/No		F/cc PEL	Concent.	Connett Relow	AL DAIA	0.7	0.000	0 0080



KINGSTON ENV VMENTAL MANAGEMENT SYSTEM TITLE

Date: August 26, 2009

Revision: Original

1. DODOV

Document No. 4.5.1 - F6

(Document Owner: Dr. Geo	Dr. Georgi Popov	×									
			AIR N	MONITO	AIR MONITORING DATA FORM Micro	TA FOR	croscope	ORM Microscope Field Area:	a:0080	Method:	7400	
age 1 of 1 hate Sampled: 4-11-2013	Client: U.S. General Services Administration 1-2013 Address: 1500 E. Bannister Rd, Kansas City, MO 64131 Client: Bolling Building - Phase IV Renovation	ral Servic E. Bannis' Building -	es Admin ter Rd, Ka - Phase IV	Renovat	, MO 6413		nalyst: Marveyor: M	Analyst: Mark Liechti Surveyor: Mark Liechti				
ate Logged:4-		Bulland				Co	Contractor:	# of Samples: 4	S: 4			
Date Analyzed: 4-11-2013 Aug	11699.	Client Project No			Area:		*	Ol Gallibro	1.		O CO	TWA
urnaround Time:		Dimn	Sample	Flow	Time	е	Total	Volume	Fibers/Field	(F/mm2)	(F/cc)	
Lab Sample	Location or Employee	Number	Type	Rate	N N	OFF	MIN.	ĵ				1
<u> </u>				(L/Min)			'	1	0	0.00	0.00	N/A
BB-1131 1849	.9 Field Blank	1	ı	,			'	1	0	0.00	0.00	N/A
DB 1122 1850	60 Field Blank	1	. 1	2	6.00	11.00	300	1200	12	15.00	0.0048	ZA
	51 16 th Fl. C.L. B.2-8	6	. A	z t	50.5	11:05	300	1200	14	17.50	0.0056	Z
1	2 18 th FI C.L. B.6-10	Р	I	1	0							Z
	-											N/A
	If the street street is the street street is the street street is the reliable limit of quantification as determined by NIOSH. Actual fiber counts are lower	ed using a c	ount of 7 fibe	rs per 100 f	elds. This is	the reliable l	imit of quant	ification as de	termined by NIO	SH. Actual fiber	r counts are	lower
than the detection limit	than the detection limit of 7 fibers per 100 fields. Note: P- Personal, A- Alea, E	Phone:	d,		Fax No:			Contact: Made:	e: Ct:			
Person:	No:			Chain	Chain of Custody							
				Via:				Date:				
Shipped to:	Cubmitted By:	R _V			Submitted By:	y:		Subm	Submitted By:			
Submitted By:	Castillian				Date/Time:			Date/Time:	Time:			
Date/Time:	Date/Time:								Doorwood Rv.			
	Received By:	By:			_Received By:	Y:						
Received By:							S C T M	0 64147 (8	MO 64147 (816) 524-8811	_		

KINGSTON ENVIRONMENTAL SERVICES, INC.15450 Hangar Rd., Kansas City, MO 64147 (816) 524-8811

Form A-3

Client: General Services Administration Kansas City, MO 64131 1500 E. Bannister Road

Date Analyzed: Date Sampled: Date of Report: Date Received: 4/10/2013 4/10/2013 4/10/2013 4/10/2013

Kingston Environmental Laboratory Office: 816/524-8811 Fax: 816/525-5027 Kansas City, Missouri 64147 15450 Hangar Road

Project Address: Project Name: Bolling Building - Phase IV Renovation 601 E. 12th St., Kansas City, MO 64106

MarkLiechti / AIHA Registry # 9179 Mark Liechti / AIHA Registry # 9179

Analyst: Sampled By:

Project Number: 0002-AI-2012.001

Signature:

5USC 552 (b) (6)

Individual CV: 0-5 fiber range (CV)= 0.75, 5.1-20 fiber range (CV) 0.36, 20.1-50 fiber range (CV)= 0.25, 50.1-100 fiber range (CV)=0.21, 100.1 & up (CV)=0.15 Laboratory Coefficient of Variation: 0.45 AIHA Organization #: 102543

1848 18th Floor C.L. B.b-10	BB-1129 1847 IBIII FION CITIZE AMBIENT		1846 Field Blank	BR-1107 1845 Field Blank	12A Bru- Blank			Lab. No.	Sample Location Sample Type	- 1	SAMPLING DATA		Analytical Method: NIOSH 7400; Issue z, Daica / Region 1997	Individual CV: 90 117100 Inches 2 Dated Amilist 15, 1994
	4 300	4	1	N/A N/A	N/A N/A			/min willing	'n	Total				
	1200	+	1200	NA	1417	N/A		_	, 	Total				
	-	10	9	C	,	0	rieids		100	Fibers/	1			
		12.50	11.25	0.00	000	0.00	7111117	mm'	Density	דוטפו	7.5.5.5	ANALYTICAL DATA		
		0.0040	0.0000	2000	N/A	NA			F/cc	COLICCIA	Concentr	CAL DATA		
		Yes	163	Vac	ZA	Z		Yes/No	PEL		Relow			0.0080



Document No.

4.5.1 - F6

KINGSTON ENVI VMENTAL MANAGEMENT SYSTEM TITLE

Date: August 26, 2009

Revision: Original

Document Owner: Dr. Georgi Popov

Client:_U.S. General Services Administration Microscope Field Area:0080 Method:_ 7400	N/A		12.50	10	1200	300	11:05	6:05	4	A	Ъ	18 th Fl. C.L. B.6-10	1847	BB-1129 BB-1130
Of 1 Client:_U.S. General Services Administration	N/A	0.0036	11.25	9	1200	300	11:00	6:00	4	Α	6	Field Blank		BB-1128
AIR MONITORING DATA FORM 1	N/A	0.00	0.00	0	1	t	ı	ı	1	1 1	1 1	Field Blank	1845	BB-1127
AIR MONITORING DATA FORM 1	N/A	0.00	0.00	0	1	1	T	1	(L/Min)				Number BFB-	Number 11A-
AIR MONITORING DATA FORM 1		(F/cc)	(F/mm ²)	FIDers/Field	Volume (L)	Total Min.	1 1		Flow	Sample Type	Pump	Location or Employee	d Time: Sample	Turnaroun
AIR MONITORING DATA FORM 1	AWT	Conc.	Density	es: 4	of Sampl	***		Area:		0	Project No	ress.	zed: 4-10 t No: _002	Date Analy KES Projec
AIR MONITORING DATA FORM Microscope Field Area:0080					lark Liecht	nalyst: M rveyor: N ontractor:		tion	ansas Cit V Renova	ster Rd, Ka – Phase N	E. Bannis Building		or led: 4-10- ed: 4-10-	Page Date Samp Date Logge
		7400	Method:	;a:0080	Field Are	RM	ra FO	ORING D	MONITC	AIR ces Admir	eral Servi			

Sample results proceeded by a "less than" sign (<) are calculated using a count of 7 fibers per 100 fields. This is the reliable limit of quantification as determined by NIOSH. Actual fiber counts are lower than the detection limit of 7 fibers per 100 fields. Note: P- Personal; A- Area; E – Excursion; C- Clearance Person: Contact: Submitted By: Shipped to: Received By: Date/Time: KINGSTON ENVIRONMENTAL SERVICES, INC.15450 Hangar Rd., Kansas City, MO 64147 (816) 524-8811 Date/Time: Submitted By: Received By: <u>N</u>0: Phone: Chain of Custody _Submitted By: Date/Time: Received By: _Submitted By: Contact: _Made: _ Date/Time: Date: Received By:

Client: General Services Administration Kansas City, MO 64131 1500 E. Bannister Road

> Date of Report: Date Analyzed: Date Sampled: 4/9/2013 4/9/2013

Date Received:

4/9/2013 4/9/2013

> Kingston Environmental Laboratory 15450 Hangar Road

Office: 816/524-8811 Fax: 816/525-5027 Kansas City, Missouri 64147

Project Number: 0002-AI-2012.001

601 E. 12th St., Kansas City, MO 64106 Bolling Building - Phase IV Renovation

MarkLiechti / AIHA Registry # 9179 Mark Liechti / AIHA Registry # 9179

Analyst: Sampled By: Project Address: Project Name:

Signature

Individual CV: 0-5 fiber range (CV)= 0.75, 5.1-20 fiber range (CV) 0.36, 20.1-50 fiber range (CV)= 0.25, 50.1-100 fiber range (CV)=0.21, 100.1 & up (CV)=0.15 Laboratory Coefficient of Variation: 0.45 AIHA Organization #: 102543

5USC 552 (b) (6)

0.0080

BB-1125 1843 16th Floor C.L. B.6-10 AME BB-1126 1844 18th Floor C.L. B.6-10	1842 Field Blank	1841 Field Blank			Lab. No. Sample ID Sample Location Sample		SAMPLI		Individual CV. 6 3 mgs. 7400 Issue 2. Dated August 15, 1994
AMBIENT 4	AMBIENT 4	Blank N/A	Blank N/A		Janipic 1 / Po	le Type Flow Rate	SAMPLING DATA		
300 1200	300 1200	N/A N/A	N/A N/A		Minutes Volume	Total			
:	11 13.75	13 15 00	0.00	Fields F/IIIIIZ		Hibers/		ANALYTI	
	0.0044 Yes	0.0048 Yes	N/A N/A	+	_		Concentr Below	ANALYTICAL DATA	0.000



KINGSTON ENV **UMENTAL MANAGEMENT SYSTEM TITLE**

Date: August 26, 2009

Revision: Original

ri Ponov

Document No. 4.5.1 - F6

Kecenved Dy.		Data Timbe.	Submitted By:	chinned to:	Person:	Contact:	Sample result			BB-1126	BB-1125	BB-1124	BB-1123	Number 11A-	Turnaround Time: Lab Sample	Date Analyz KES Project	Page1 Date Sampled: Date Logged:		
KINGSTON ENVIRONMENTAL SERVICES, INC.15450 Hangar Rd., Kansas City, MO 64147 (816) 524-8811 Form A-3	Received By:	Date/Time:	Submitted By:			Cloring	Sample results proceeded by a "less than" sign (<) are calculated using a count of 7 fibers per 100 fields. This is the reliable limit of quantification as determined by NICOTT. According to the detection limit of 7 fibers per 100 fields. Note: P- Personal; A- Area; E – Excursion; C- Clearance Contact: Contact:			1844 18 th Fl. C.L. B.6-10	1843 16 th Fl. C.L. B.2-8	1842 Field Blank	1841 Field Blank	Number BFB-	Sample Location or Employee	4-9-2013 Address: _ 5: _002-Al-2012.001	4-9-2013F		Document Owner: Dr. C
NMENTAL S	/ed By:	me:	ed By:			Phone:	ulated using a Personal; A- Ar			-	4 0)	1		Pump	Client Project No	E. Bannist Building –	neral Servi	Dr. Georgi Popov
SERVICES,							count of 7 fibe rea; E – Excur			1	> 1	> 1	1		Sample Type		er Rd, Kan Phase IV I	AIR N	
INC.1545 Forn				Via:	Chain		rs per 100 fi sion; C- Clea				4	Δ		(L/Min)	Flow Rate		sas City, Renovation	MONITO	
.15450 Hangar Form A-3	Received By:	Date/Time:	Submitted By:		Chain of Custody	Fax No.	elds. This is arance				6:05	6:00	1	'	Time	Area:	MO 6413	RING D	
Rd., Kans	y.		ÿ:				the reliable				11:05	11:00	'	,	off			TAF	
as City, M							limit of quant				300	300	ī	1	Total Min.	334	Analyst: wa Surveyor: Ma Contractor:_	RM	1
O 64147 (Re	Date	Subn	Date:		Made	ification as d				1200	1200	1	1	Volume (L)	# of Samples:	Surveyor: Mark Liechti Contractor:	Microscope Field Area:	
816) 524-8811	Received By:	Date/I ime:	Submitted By:	e e		de:	etermined by Nic.				=	12	0	0	Fibels/Field	es: 4		ea:0080	
							OII. Account	Su Actual fibe			13.75	15.00	0.00	0.00	(F/mm2)	Density		Method: 7400	
								r counts are			0.0044	0.0048	0.00	0.00	(F/cc)	Conc.		7400	
								lower	N/A	N/A	NA	N/A	N/A	NA		TWA	'		

Client: General Services Administration Kansas City, MO 64131 1500 E. Bannister Road

Date Sampled: Date of Report: Date Analyzed: Date Received: 4/8/2013 4/8/2013 4/8/2013

Kingston Environmental Laboratory Kansas City, Missouri 64147 15450 Hangar Road

Office: 816/524-8811 Fax: 816/525-5027

Project Number: 0002-AI-2012.001 4/8/2013

Bolling Building - Phase IV Renovation 601 E. 12th St., Kansas City, MO 64106

MarkLiechti / AIHA Registry # 9179 Mark Liechti / AIHA Registry # 9179

Analyst: Sampled By: Project Address: Project Name:

Signature:

Individual CV: 0-5 fiber range (CV)= 0.75, 5.1-20 fiber range (CV) 0.36, 20.1-50 fiber range (CV)= 0.25, 50.1-100 fiber range (CV)=0.21, 100.1 & up (CV)=0.15 AIHA Organization #: 102543

5USC 552 (b) (6)

0.0080

1838 Field Blank Al 1839 16th Floor C.L.B.2-8 Al 1840 18th Floor C.L. B.6-10 Al	12A BFB- Blank Blank Blank	Lab. No. Sample ID Sample Location Sample Type	Analytical Method: NIOSH 7400, Issue 2, Dated August 15, 1994 SAMPI ING DATA
	77	ᆜ	ATA
4 4	N/A	w Rate //min	
300	N/A	Total Minutes	
1200	N/A N/A	Total Volume	
14	000	Fibers/ 100 Fields	
17.50	0.00	Density F/mm2	ANALYTI
0.0056	0 0040	F/cc	ANALYTICAL DATA
Yes	N/A Yes	PEL Yes/No	0.0080



Document No.

4.5.1 - F6

KINGSTON ENVITONMENTAL MANAGEMENT SYSTEM TITLE

Date: August 26, 2009

Revision: Original

Document Owner: Dr. Georgi Popov

AIR MONITORING DATA FORM

			City, MO 64 147 (010) 324-0011	0 64 147 (0	as City, Mic	Rd., Kansi	Form A-3	Forr	ERVICES	MENTAL S	KINGSTON ENVIRONMENTAL SERVICES, INC.15450 Hangar Rd., Kansas Form A-3	즉		
			16) 534 8811	0 044 47 70		, , , , , , , , , , , , , , , , , , ,	Received By:			ву:	Received By:		y:	Received By:
			Received Rv.	Rece										Date/ Little.
			ime:	Date/Time:			_Date/Time:			<u>е</u>	Date/Time:			Dato/Timo:
			Submitted By:	Submit		3y:	_Submitted By:			By:	Submitted By:		3y:	Submitted By:
				Date				Via:						Shipped to:
							Chain of Custody	Chair						relacii.
				Made						No:				Contact:
) 	Contact:			Fax No:	Excursion; C- Clearance	rea; E – Excu	Note: P- Personal; A- Area; E	er 100 fields. Note: P- Pe	7 fibers p	than the detection limit of 7 fibers per 100 fields.	than the de
lower	counts are	H. Actual fiber	ermined by NIOS	ification as det	imit of quanti	the reliable	fields. This is	ers per 100 t	count of 7 fib	ated using a	Sample results proceeded by a "less than" sign (<) are calculated using a count of 7 fibers per 100 fields. This is the reliable limit of quantification as determined by NIOSH. Actual fiber counts are lower	by a "les	ults proceeded	Sample res
Z/A														
Z											18 th FI. C.L. B.6-10	18 th FI	1840	BB-1122
N A	0.0056	17.50	14	1200	300	11:05	6:05	4	Δ :		16 th Fl. C.L. B.2-8	16 th F	1839	BB-1121
NA	0.0040	12.50	10	1200	300	11:00	6:00	4	A	ן ת	Blank	Field Blank	1838	BB-1120
N/A	0.00	0.00	0	1	1	ı	1	1			Blank	Field Blank	183/	BB-1119
ZA	0.00	0.00	0	1	,	ı	1	(L/MIII)					BFB-	11A-
11/1				(-	Min.	OFF	ON	Rate	Туре	Number	Location of Employee		Sample	Lab Number
44	(F/cc)	Density (F/mm2)	Fibers/Field	Volume	Total	ne	Time	Flow	Sample	Pump	Sation or Employee		urnaround Time:	urnarou
7///			, i	# of Samples.	72		Area:		0	Client Project No.		2-AI-20	(ES Project No: _002-Al-2012.001	ES Proj
1				500000	actor:	Cont					Address:	2013	Jed. 4-0-	ate rugged.
				Surveyor: Mark Liechti_	veyor: Ma		ion	Renovati	- Phase IV	Building -	Facility: Bolling Building - Phase IV Renovation	2013	ate Sampled: _4-8-2013	ate Sam
1				lyst: Mark Liechti	alyst: Ma		MO 6413	neae Citv	ices Admi	eral Serv	Client:_U.S. General Services Administration	_	1of_	age
	7400	Method: 7400	a: .0080	Microscope Field Area:	ioroecone.	3		AIZ WON COM	AIS					

Client: General Services Administration 1500 E. Bannister Road Kansas City, MO 64131

Date of Report: Date Sampled: Date Received: Date Analyzed: 4/5/2013 4/5/2013 4/5/2013 4/5/2013

Kingston Environmental Laboratory Office: 816/524-8811 Fax: 816/525-5027 Kansas City, Missouri 64147 15450 Hangar Road

Project Number: 0002-AI-2012.001

Project Address: Project Name: Bolling Building - Phase IV Renovation 601 E. 12th St., Kansas City, MO 64106 Mark Liechti / AIHA Registry # 9179

MarkLiechti / AIHA Registry # 9179

Analyst: Sampled By:

Signature:

5USC 552 (b) (6)

Individual CV: 0-5 fiber range (CV)= 0.75, 5.1-20 fiber range (CV) 0.36, 20.1-50 fiber range (CV)= 0.25, 50.1-100 fiber range (CV)=0.21, 100.1 & up (CV)=0.15 AIHA Organization #: 102543

BB-1110	1833 Field Blank	BER.	Lab. No. Sample ID Sample Location Sample Type	SAMPLINGUALA		Individual CV: 0-5 tiber range (CV) = 0.75, 0.1 = 0.75
ENT 5	nk N/A			G DATA Flow Rate		
240	N/A N/A	N/A	7	ie Total		
1200	N/A 1200	NA	Volume	Total		
10	0	0	100 Fields	Fibers/		
12.50	0.00	0.00	Density F/mm2	Fiber	ANALYTIC	
0.0040	0.0044	NA	F/cc	Concentr.	ANALYTICAL DATA	
Tes	Yes	ZZ	Yes/No	Below		0.0080



KINGSTON ENVI MENTAL MANAGEMENT SYSTEM TITLE

Date: August 26, 2009

Revision: Original

Document Owner: Dr. Georgi Popov

Document No. 4.5.1 - F6

				AIR N	OTINO	AIR MONITORING DATA FORM	ATA FOI	RM	1	0080	Method: 7400	7400	
	- 1		ral Servic	es Admin	istration			icroscop	Microscope Fleid Alea				١
age 1 or 1 late Sampled: 4-5-2013	or : 4-5-20		Banniste	Rd, Kan	sas City,	MO 6413.		alyst: Ma veyor: Ma	Surveyor: Mark Liechti				1
ate Logged:	4-5-2013		- Gumun	71100014				Contractor:_					
Date Analyzed: _4-5-2013	1: _4-5-2	ess:	Client Project No			Area:		**	# of Samples:	es: _4			
(ES Project No: _002-AI-2012.001	lo: _002							4-4-	Volume	Fibers/Field	Density	Conc.	TWA
Lab Sample	Time:	Location or Employee	Pump	Sample	Flow	ON	e OFF	Min.	(L)		(F/mm2)	(F/cc)	
er	Number BFB-		1	3	(L/Min)		1	-	1	0	0.00	0.00	N/A
15	1833	Field Blank	1	1	1			1	t	0	0.00	0.00	N/A
	1021	Field Blank	1	1	1			ONC	1200	11	13.75	0.0044	N/A
BB-1110		ACT CI B3-8	6	Α	U	6:00	TO:00	210	1000	10	12.50	0.0040	N/A
BB-1117	1000		1	Þ	5	6:05	CO:OT	247	1				N/A
00-1-1-0	0												N/A
Cample results p	roceeded b	Sample results proceeded by a "less than" sign (<) are calculated using a count of 7 fibers per 100 fields. This is the reliable limit of quantification as determined by NIOSH. Actual fiber counts are lower	ed using a c	ount of 7 fibe	ers per 100 f	elds. This is	the reliable	limit of quan	tification as de	termined by NIOS	H. Actual fibe	er counts are	lower
than the detection	n limit of 7	fibers per 100 fields. Note: r- ref	Phone:			Fax No:			Made:	e:			
Person:		No:			Chain	Chain of Custody							ā
					Via:				Date	6			
Shipped to:		Suhmitted Bv:	Bv:			Submitted By:	ў: 		Subm	Submitted By:			
Submitted By: _						Date/Time:			Date	Date/Time:			
Date/Time:		Date/Time:							RPD	Received By:			
		Received By:	Ву:			_Received By:	у: 		700	2000			
Vaccely on Div. I		ENVIRONMENTAL SERVICES, INC.15450 Hangar Rd., Kansas City, MO 64147 (816) 524-8811	ENTAL SE	-RVICES.	INC. 1545	0 Hangar	Rd., Kans	as City, N	10 64147 (8	316) 524-8811			
		KINGS I ON ENVIRONMENT		()	T OFF	Form A-3							

Client: General Services Administration Kansas City, MO 64131 1500 E. Bannister Road

Date Sampled: Date of Report: Date Analyzed: Date Received: 4/4/2013 4/4/2013 4/4/2013 4/4/2013

Kingston Environmental Laboratory 15450 Hangar Road

Office: 816/524-8811 Fax: 816/525-5027 Kansas City, Missouri 64147

Project Number: 0002-Al-2012.001

Bolling Building - Phase IV Renovation 601 E. 12th St., Kansas City, MO 64106 MarkLiechti / AIHA Registry # 9179 Mark Liechti / AIHA Registry # 9179

Project Address: Project Name:

Analyst: Sampled By:

BB-

1112

1830 Field Blank

Field Blank

BB-1113

1831 16th Floor C.L.B.2-8 1832 18th Floor C.L. B.6-10

AMBIENT AMBIENT Blank Blank

> XX N/A

> > N/A

Fields

F/mm2

NA NA

Yes/No

N/A NA Yes Yes

Below PEL

0.00

16.25 11.25

0.0052 0.0036

300 N

1200 1200 NA N/A

12A

BFB-

BB-111

Signature:

5USC 552 (b) (6)

Analytical Method: NIOSH 7400, Issue 2, Dated August 15, 1994 Individual CV: 0-5 fiber range (CV)= 0.75, 5.1-20 fiber range (CV) 0.36, 20.1-50 fiber range (CV)= 0.25, 50.1-100 fiber range (CV)=0.21, 100.1 & up (CV)=0.15 Laboratory Coefficient of Variation: 0.45 AIHA Organization #: 102543 Lab. No. Sample ID Sample Location SAMPLING DATA Sample Type Flow Rate l/min Minutes Total Volume Total Fibers/ 100 ANALYTICAL DATA Density Fiber Concentr. F/cc

\supset	
>	
≍	
ಸ	
080	
_	



KINGSTON ENVI IMENTAL MANAGEMENT SYSTEM TITLE

Date: August 26, 2009

Revision: Original

Document Owner: Dr. Georgi Popov

Document No. 4.5.1 - F6

Received by		Date/Time:	Submitted By:	Shipped to:		Person:	than the detection	Sample results pro			11-48	DB 1111	BB-1113	BB-1112	11	er	Turnaround Time: Lab Sample	KES Project No	Date Analyzed: 4-4-2013	Date Sampled:		
KINGSTON EN								Sample results proceeded by a "less than" sign (<).	Actual fiber counts are lower to factor of the state of t		-	1832 18 th Fl. C.L. B.6-10	1831 16 th FI. C.L. B.2-8	1830 Field Blank	1829 Field Blank	Number BFB-	Sample Location or Employee	(ES Project No: _002-Al-2012.001	4-4-2013 Address:	of 1 Client: U. 4-4-2013 Address: 4-4-2013 Facility: B		
KINGSTON ENVIRONMENTAL SERVICES, INC.15450 Hangar Rd., Kansı Form A-3	Received By:	Date/Time:	Submitted By:			ZO	Phone:	Note: P- Personal: A- Area; E – Excursion; C- Clearance	or calculated using a count of 7				+	> '	1	+	yee Pump Sample	Client Project No	DE LA DESIGNATION NO	Client: U.S. General Services Familians City, MO 64131 Address: _1500 E. Bannister Rd, Kansas City, MO 64131 Facility: _Bolling Building – Phase IV Renovation	AIF	
ES, INC.15450 Hangar Ro Form A-3	Received By:	Date/Time:	Subillified by:	Submitted By:	Via:	Chain of Custody	Fax No.	cursion; C- Clearance	fibers per 100 fields. This is the				6:05	4 6:00	1	-	Flow Time		Area:	(ansas City, MO 64131_ W Renovation	AIR MONITORING DATA FORM Micro	
d., Kansas City, MO 6414				S					e reliable limit of quantification				11:05 300 1200	11:00 300 1200	1	1	OFF Min. (L)	Total Volume	# of Samples:	Analyst: Mark Liechti Surveyor: Mark Liechti Contractor:	Microscope Field Area:_	
as City, MO 64147 (816) 524-8811	Received by:	Carco	Osto/Time:	Submitted By:	Date:		Made:	Contact:	as determined by NIOSI				13	9	0	0		e Fibers/Field	nples: _4		Area:0080	
									H. Actual fiber counts				16.25 0.0052	_	0.00 0.00	0.00 0.00	(F/mm2) (F/cc)	-			Method:7400_	
									are lower		N/A	N/A	+	+	+	N/A		TWA				

Client: 1500 E. Bannister Road General Services Administration Kansas City, MO 64131

> Date of Report: Date Sampled: Date Analyzed: 4/3/2013 4/3/2013

15450 Hangar Road Kingston Environmental Laboratory Kansas City, Missouri 64147

Office: 816/524-8811 Fax: 816/525-5027

Bolling Building - Phase IV Renovation 601 E. 12th St., Kansas City, MO 64106

Mark Liechti / AIHA Registry # 9179 MarkLiechti / AIHA Registry # 9179

Project Address: Project Name:

Analyst: Sampled By:

Date Received:

4/3/2013 4/3/2013

Project Number: 0002-AI-2012.001

Signature

5USC 552 (b) (6)

0.0080

Individual CV: 0-5 fiber range (CV)= 0.75, 5.1-20 fiber range (CV) 0.36, 20.1-50 fiber range (CV)= 0.25, 50.1-100 fiber range (CV)=0.21, 100.1 & up (CV)=0.15 Laboratory Coefficient of Variation: 0.45 AIHA Organization #: 102543

Analytical Method: NIOSH 7400, Issue 2, Dated August 15, 1994

BB-1110 1020 10011 1881 8:E: E: 3: 3:		1	BR-1108 1826 Field Blank	BB-1107 1825 FIEID DIAIIN	0.0	12A BFR-			Sample Location				· Mariana Anna Anna Anna Anna Anna Anna Anna
	AMBIENT 4	AMBIEN		Blank N/A	Blank			l/min	odilipie Lype	Comple Type Flow Rate	SAMPLING DATA	DATA	
	300 1200		300 1200	N/A		N/A N/A		Millutes	_	Total lotal			
	-	16	14	C		0	Fields F/	! .	100	Fibers/	-	D.V.	
	-	20.00 0.0064	17.50 0.0000	\dagger	N/A	0.00 N/A	-		Density F/cc	_	Concentr	ANALY IICAL DATA	ATA DATA
		Yes	100	Voc	Z		100	Yes/No	דר <u>ר</u>	1	Below		



KINGSTON ENVIOLENTAL MANAGEMENT SYSTEM TITLE

Date: August 26, 2009

Revision: Original

Document Owner: Dr. Georgi Popov

Document No. 4.5.1 - F6

70
-
3
\overline{a}
$\stackrel{\smile}{=}$
_
_
\circ
2
\sim
Z
0
40
\Box
-
D
_
TI
O
70
2

ate gar poled: A-3-2013 Address: 1500 E. Bannister Rd, Karnss City, M0 64131 Analyst: Mark Liechtin Analyst: Mark Liechtin <t< th=""><th>Page 1 of 1 Client: Date Sampled: 4-3-2013 Addres Date Logged: 4-3-2013 Facility: Date Analyzed: 4-3-2013 Addres KES Project No: 002-Al-2012.001 Turnaround Time: Lab Sample Number Number Number BFB- 1107 1825 Field Blank BB-1108 1826 Field Blank BB-1109 1827 16th Fl. C.L. B.2-6 BB-1109 1828 18th Fl. C.L. B.6-10 BB-1110 1828 18th Fl. C.L. B.6-10 Sample results proceeded by a "less than" sign than the detection limit of 7 fibers per 100 fields Contact: Person: Shipped to: Date/Time:</th></t<>	Page 1 of 1 Client: Date Sampled: 4-3-2013 Addres Date Logged: 4-3-2013 Facility: Date Analyzed: 4-3-2013 Addres KES Project No: 002-Al-2012.001 Turnaround Time: Lab Sample Number Number Number BFB- 1107 1825 Field Blank BB-1108 1826 Field Blank BB-1109 1827 16 th Fl. C.L. B.2-6 BB-1109 1828 18 th Fl. C.L. B.6-10 BB-1110 1828 18 th Fl. C.L. B.6-10 Sample results proceeded by a "less than" sign than the detection limit of 7 fibers per 100 fields Contact: Person: Shipped to: Date/Time:
--	---

Client: General Services Administration Kansas City, MO 64131 1500 E. Bannister Road

Date Sampled: Date of Report: Date Received: Date Analyzed: 4/2/2013 4/2/2013 4/2/2013 4/2/2013

Kingston Environmental Laboratory Office: 816/524-8811 Fax: 816/525-5027 Kansas City, Missouri 64147 15450 Hangar Road

Project Address: Project Name: 601 E. 12th St., Kansas City, MO 64106 Bolling Building - Phase IV Renovation

MarkLiechti / AIHA Registry # 9179 Mark Liechti / AIHA Registry # 9179

Analyst: Sampled By:

Signature:

Project Number: 0002-Al-2012.001

Laboratory Coefficient of Variation: 0.45 AIHA Organization #: 102543

RR-1106 1824 Still Floor C.E. D.G-10	DD-1100	1823 16th Floor C.L.B.2-8	DD-1 04 1024 1010 0101111		BB-1103 1841 Field Digits		12A BFB-				Tab No Sample ID Sa					Allalytical Michiga.	Applytical Method: NIOSH 7400, Issue 2, Dated August 15, 1994	
. C. O.O-10	B 6-10	LB.2-8									Sample Location						ated August 15, 1994	
	AMBIENT	VINICIEIA:	AMBIENT	DIAIIN	Dlank	Blank					Jallipic Type		OAMIT LING DOIN	CAMBLING DATA				
	4		4	17/1/1	N/A	NA	N1/A			/min		Flow Rate						
	300	200	300		Z	LW)	N/A			Vinutes		otal						
	1200	1000	1200	2000	NA NA		N/A			VOIGITIE	Volumo -	lola	7-4-1					
	-	12	-	10	C		0	- 10100	Fields		100	רוטכו ט/	Tibore/					
	0.10	16 25	100	12.50	0.00	000	0.00		F/mm2	001010	Density	_	Fiher	AWALTIN	ANALYTICAL DATA			
		0.0052		0.0040	1 // 1/	N/A	NA				F/cc	00	Concentr.	775	DATA			
		Yes		Yes		ZA	3		Yes/No		ת ה]	Below				0.0080	



Document No.

4.5.1 - F6

KINGSTON ENVIOLANMENTAL MANAGEMENT SYSTEM TITLE

Date: August 26, 2009

Revision: Original

Document Owner: Dr. Georgi Popov

AIR MONITORING DATA FORM

	Received By:	Date/Time:	Submitted by:		Shipped to:		Person:	Contact:	Sample results protein than the detection			BB-1106	BB-1105	BB-1104	88-1703	-	Lab Sa Number Nu	Turnaround Time:	KES Project No: _002-Al-2	Date Logged: _	Date Sampled: 4-2-2013	Page 1	
KINGSTON ENVIRONMENTAL SERVICES, INC.15450 Hangar Rd., Kansas City, MO 64147 (816) 524-8811	Re	Dat		Sub					Sample results proceeded by a "less than" sign (<) are calculated using a count of 7 fibers per 100 fields. This is the reliable liftlit of qualiting and the detection limit of 7 fibers per 100 fields. Note: P- Personal; A- Area; E – Excursion; C- Clearance Contact: Contact:			1824 18 th FI. C.L. B.6-10	1823 16 th Fl. C.L. B.2-8	1822 Field Blank	Field Blank	BFB-	Number Location of Employee	ime:	2012.001	4-2-2013		of 1 Client:_U.S.	
ONMENTAL S	Received By:	Date/Time:		Submitted By:				Phone:) are calculated using a count of 7 fibers per 100 fields. Note: P- Personal; A- Area; E – Excursion; C- Clearance			,		6	ı	1	-	Pump	Client Project No	2	Address: _1500 E. Bannister Rd, Kansas City, wo 54151	Client: U.S. General Services Administration	
ERVICES,									count of 7 fibe				Α	A	1		Type	Sample			er Rd, Kar Phase IV	ces Admir	AIK
INC. 1545					Via:		Chain		ers per 100 fi sion; C- Clea				4	4	ı		Rate (L/Min)	Flow			Renovation	istration	MONIO
0 Hangar l	Received By:	Date/Time:_	7	Submitted By:			Chain of Custody	ax No.	elds. This is arance				6:05	6:00	1	1	ON	Time	Area:		ON OF I	MO 6/42	AIR WONITONING DATA
Rd., Kansa	, 			<i>y</i> :					the reliable i				11:05	11:00		1	OFF	е		Cor	Su		-
as City, M									It of dualit				300	300	1	1	Min.	Total	33	Contractor:	veyor: Ma	alvst: Ma	0.000
O 64147 (8	Tec		Date/	Subm		Date:		Made:	Contact	di di			1200	1200	1	1	Ē	Volume	# of Samples: _4		rveyor: Mark Liechti	Analyst: Mark Liechti	Ciold Are
316) 524-8811	Received by:		Date/Time:	Submitted By:		0		 	act:	stermined by NIO			13	10	0	0		Fibers/Field	es: 4				0080
										SH. Actual fibr			16.25	12.50	0.00	0.00		(F/mm2)					Method: 7400
										er counts are			0.0052	0.0040	0.00	0.00	3 .	(F/cc)	Car				7400
										lower	N/A	N/A	NA	N/A	N/A	N/A	71/2	3	TW/A		1		